Page 2

Application No.: 10/720,389

Art Unit: 2833

## Remarks/Arguments:

In paragraph 11, the Advisory Action says," sidewall 42 is part of the cylindrical portion, the Examiner's drawing intended to show the key groove on the outer wall 74."

## Sidewall 42 is not part of the cylindrical portion.

As clearly defined in claim 1, applicant's housing body (11) having a tubular plugging face (12) which includes a square tubular portion (13) having a rectangular (cross) section in a plane perpendicular to the plugging direction and a cylindrical portion (14) having a circular (cross) section in the plane. That is, the cylindrical portion (14) is a portion of the tubular plugging face (12) that has a circular cross section.

The side wall 42 of Law et al. is not part of the cylindrical portion having a circular cross section but part of the square tubular portion having a rectangular cross section or the rectangular body 26 having a roughly rectangular cross section (col. 5, line 13). In fact, the examiner himself calls it "square tubular portion." See the examiner's drawing.

The examiner seems to mistake "rectangular section" and "circular section" for sections of the recess 74, which is comparable to applicant's plugging cavity (15) provided in the center of the cylindrical portion (14) and in which a coaxial connector (16) is provided (specification, 6, lines 19-32). The terms "rectangular section" and "circular section" have nothing to do with applicant's plugging cavity (15) or recess 74 of Law et al., which is a hollow, but are used to express cross

Application No.: 10/720,389

Art Unit: 2833

Page 3

sections of the square tubular portion (13) and the cylindrical portion (14), respectively, which are solids. Thus, in Law et al., the interconnect body 26 of the interconnect housing 20 has nothing comparable to applicant's cylindrical portion but only the square tubular portion.

## 2. Reference number 74 is not the outer wall on which the key is provided.

The reference number 74 is a recess in which a male side 72 of a connector is mounted (col. 4, lines 1-4). Thus, the recess 74 is comparable to applicant's plugging cavity (15). In Law et al., a notch 46 is provided on the sidewall 42 of the rectangular body 26 for receiving the elongated key 96 of a mating connector. As set forth above, the sidewall 42 is not part of the cylindrical portion but part of the rectangular body 26 which is comparable to the square tubular portion as indicated by the examiner. See examiner's drawing.

For these reasons, it is submitted that applicant's invention recited in the amended claims is patentable over Law et al.

In view of the foregoing, it is respectfully requested that this application be reconsidered, claims 1-8 allowed, and the case passed to issue.

Respectfully submitted, TAKEUCHI & TAKEUCHI

2. Takench

By Yusuke Takeuchi

Reg. No. 30,921

Tel (703)684-9777